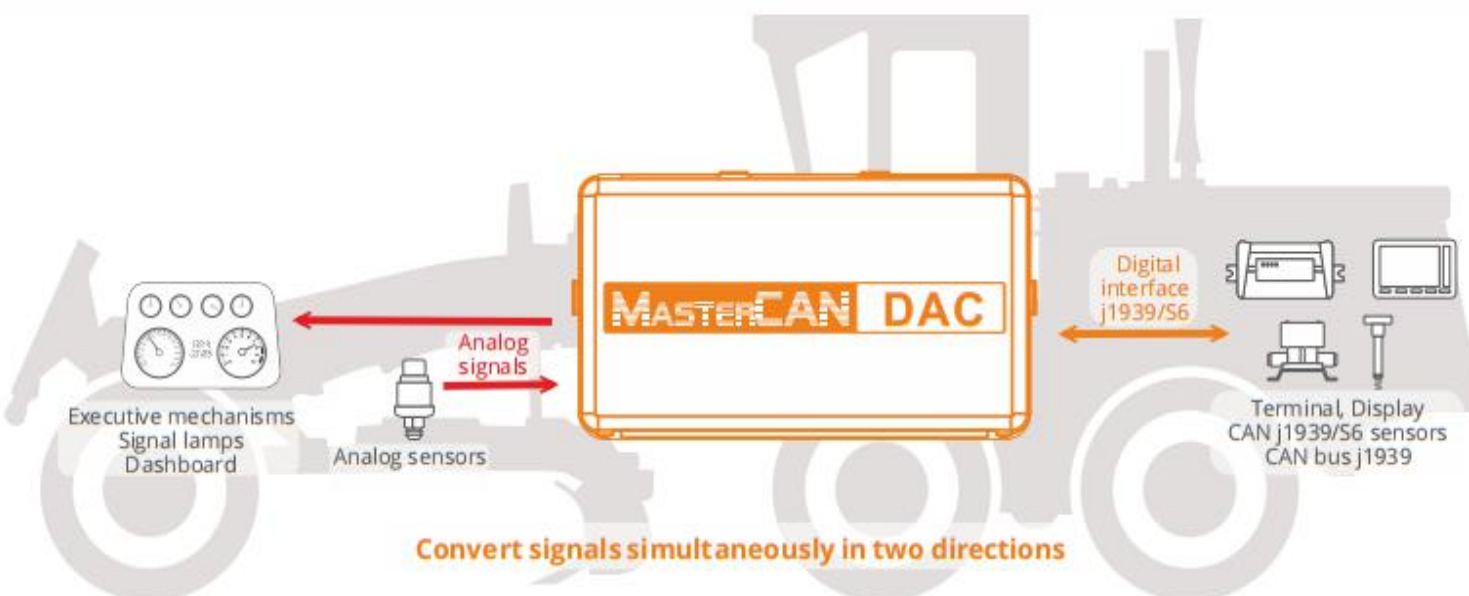


Digitalize analog signals of machinery instruments and transfer them to telematics system.

Allow telematics system controlling analog devices and instruments of machinery via CAN j1939 and ISObus messages.



Configuration

Analog inputs and outputs: selecting type (voltage/frequency/pulse/discrete/resistive) and range of values. Saving calibration table (e.g. for tank fuel volume measurement or axle load measurement) in module's memory.

CAN j1939/S6 digital interface: selecting input message for converting to analog signal or output message to be converted from analog signal. Choice of 10,000+ machinery operation Parameters from embedded S6 Database. Setting up network address and frequency of sending messages over CAN j1939/S6 interface.

Technologies



MasterCAN
DAC15



MasterCAN
DAC2113

Signal types	Value	MasterCAN DAC15		MasterCAN DAC2113	
		Inputs, pcs.	Outputs, pcs.	Inputs, pcs.	Outputs, pcs.
CAN j1939/S6 interface		1	1	1	1
Resistive	0.015 ... 50 kOhm	-	1	2	1
Voltage	0.5 ... 9 V	1	1	4	2*
Frequency	0.01 ... 10 kHz	1	1	2	2
Pulse	0.5 ... 9 B / 40 ... 250 ms	-	1	-	-
Current	4 ... 20 mA	-	1	1	1
Discrete		-	2	12	7

☐ combined voltage/frequency input
 ☐ combined voltage/frequency/pulse output
 * voltage value 0.5 ... 10 V